

Does one column value exist in another column in Excel?

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The question "Does one column value exist in another column in Excel?" refers to the ability to check if a specific value in one column appears in another column of an Excel spreadsheet. This feature is useful for data analysis and comparison, as it allows users to easily identify and track matching values between different columns. By utilizing this function, users can efficiently manage and manipulate data to extract relevant information and make informed decisions.

Excel: Check if One Column Value Exists in Another Column

You can use the following formula to check if one column value exists in another column in Excel:

```
=NOT(ISERROR(MATCH(A2,$B$2:$B$16,0)))
```

This particular formula checks if the value in cell A2 exists in the range B2:B16.

If it does exist in the range B2:B16, the formula returns TRUE. Otherwise, it returns FALSE.

The following example shows how to use this formula in practice.

Example: Check if One Column Value Exists in Another Column in Excel

Suppose we have the following dataset in Excel where one column contains a list of groceries needed and the

other column contains a list of groceries available at the store:

	A	B	C	D	E
1	Grocery List	Grocery Inventory			
2	Apples	Avocado			
3	Bananas	Pearches			
4	Carrots	Bananas			
5	Pears	Apples			
6	Peppers	Watermelon			
7		Flour			
8		Bread			
9		Chips			
10		Milk			
11		Yogurt			
12		Cheese			
13		Pears			
14		Celery			
15		Cilantro			
16		Potatoes			
17					
18					
19					
20					
21					

Suppose we would like to check if each item in the Grocery List column also exists in the Grocery Inventory column.

To do so, we can type the following formula into cell C2:

=NOT(ISERROR(MATCH(A2,\$B\$2:\$B\$16,0)))

We can then drag and fill this formula down to each remaining cell in column C:

	A	B	C
1	Grocery List	Grocery Inventory	Item in Grocery List Exists in Inventory?
2	Apples	Avocado	TRUE
3	Bananas	Pearches	TRUE
4	Carrots	Bananas	FALSE
5	Pears	Apples	TRUE
6	Peppers	Watermelon	FALSE
7		Flour	
8		Bread	
9		Chips	
10		Milk	
11		Yogurt	
12		Cheese	
13		Pears	
14		Celery	
15		Cilantro	
16		Potatoes	
17			
18			
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21			
22			

Column C shows whether or not each cell in column A also exists in column B.

For example, we can see:

Apples does exist in the grocery inventory. Bananas does exist in the grocery inventory. Carrots does not

exist in the grocery inventory. Pears does exist in the grocery inventory. Peppers does not exist in the grocery inventory.

If you'd like to return values other than TRUE and FALSE, you can wrap the formula in an IF function and specify the values you'd like to return.

```
=IF(NOT(ISERROR(MATCH(A2,$B$2:$B$16,0))), "Yes", "No")
```

The following screenshot shows how to use this formula in practice:

	A	B	C	D	E
1	Grocery List	Grocery Inventory	Item in Grocery List Exists in Inventory?		
2	Apples	Avocado	Yes		
3	Bananas	Pearches	Yes		
4	Carrots	Bananas	No		
5	Pears	Apples	Yes		
6	Peppers	Watermelon	No		
7		Flour			
8		Bread			
9		Chips			
10		Milk			
11		Yogurt			
12		Cheese			
13		Pears			
14		Celery			
15		Cilantro			
16		Potatoes			
17					
18					
19					
20					
21					

The formula now returns "Yes" if the item in the Grocery List exists in the Grocery Inventory or "No" if it does not.

The following tutorials explain how to perform other common tasks in Excel: